Form C-104 Rev. 02/2009

## VALUE ENGINEERING CHANGE PROPOSAL MISSOURI DEPARTMENT OF TRANSPORTATION

☐ Conceptual Proposal ☐ Final Prop	posal Date 6-29-11
Contract ID #43-0823552	Job No. DP-BRM-5429(601)
County Saint Louis City	Original Bid Cost \$205,017.40
Contractor Kozeny Wagner, Inc.	By Mark Kuelker
Designed By Collins & Hermann, Inc.	Phone 314-762-9719
VECP# 11-41 (to be completed by	C.O.) VECP Or PDVECP
Currently, the Decorative Fence is schechange the aluminum fence to galvanize since the price of aluminum is higher the chance of theft to scrap the aluminum	
2. Estimate of reduction in construction cos	ts. \$20,026.70
3. Prediction of any effects the proposed chemaintenance and operations.  The maintenance should be similar to the maintenance should be similar to the simi	ange(s) will have on other department costs, such as the aluminum fencing.
4. Anticipated date for submittal of detailed Specifications.	I change(s) of items required by Section 104.6 of the
	6/29/11
	(date)
5. Deadline for issuing a change order to ob contract completion time or delivery scho	tain maximum cost reduction, noting the effect of edule.
mat	v later will effect the projects time of completion and costs of erial may rise due to market fluctuations.
(date)	(effect)
6. Dates of any previous or concurrent subr	nission of the same proposal.
	(date and/or dates)

## Additional Comments:

The location of the fencing in an industrial area may make it a target for thieves. The switch to galvanized steel would help reduce the likelihood of vandalism. (See attached proposal for detailed breakdown of savings.)

** Portion Below This Line To Be Filled Out by MoDOT **
Comments: The City of Saint Louis has reviewed the proposal and is in agreement with the contractor's cost figures. The City of Saint Louis has reviewed the proposal and is in agreement with the contractor's cost figures. The material change will decrease the risk of vandalism while not affecting the intent of the design.
Thorner E. Heuling 7-7-11 Submitted By Resident Engineer Date
Comments:
I CONCUR WITH CONTRACTOR'S PROPOSAL AND THE CITY'S ACCEPTANCE.
Approval Recommended Rejection Recommended District Engineer Date
Comments:
No federal oversight.
Approval Recommended
Rejection Federal Highway Administration Date Recommended Required for FHWA Full Oversight Projects
Omments:

Con	aments: I concur	with the district's recommendate	eon.
×	Approval	David Dagan PM	7/20/11
	Rejection	State Construction and Materials Engineer	Date

Tuesday, March 22, 2011

Mr. Tom Behan Board of Public Service 1200 Market St., Suite 301 St. Louis, MO 63103

Potential Change Order # 007 **Document Number LTR-014** 10-2-024 Grand Avenue Viaduct

Dear Mr. Behan,

This letter is to provide official notification of a potential project change as follows:

PCO Number:

007

Date:

22-Mar-11

Description:

Fencing-Aluminum vs Pre-Galvanized Steel

Proposed Amt:

(\$23,258.70)

Days Requested: 0

Reference:

(PotentialCO.Reference)

Notes:

This Value Engineering proposal is for material only, using Pre-Galvanized Steel instead of

Aluminum as called for in the plans and specs.

If you want the arch on the 84" we will need to add back in \$3,232.00 for this.

All Value Engineering is for the Material. The Labor and Equipment would remain the same.

Value Engineering is based on 64" being 64"

Value Engineering is based on 88" being 88" without Arch

Value Engineering is based on 34" being 34"

All material Pre-Galvanized Steel with 2-4 Mils. Thick Semi-Gloss Black Super Durable Polyester

Rails( 2 each ) 2" x 2" x11 ga.

Pickets 3/4" TS x 16 ga. ( 4 11/16" OC ) All but 88"

Pickets for 88" 3/4" TS x 16 ga. (3" OC)

Post - 2 1/2" TS x 14 ga Plated (8"x8"x1/2")

Special post for 88" ( 20 ea ) Post - 4" TS x 11 ga Plated ( 8"x8"x1/2" )

Reason:

Value Engineering

This PCO is comprised of the following items:

ltem No.	Description	Subcontractor / Supplier	Amount
JSP 25.002	Decorative Fence, 64° High-1222 if @ \$6.85=\$8370.70 savings	Collins & Hermann, Inc.	(\$8,370.70)
JSP 25.003	Decorative Fence, 88" High-440 If @ \$29.00≃\$12,760.00 savings	Collins & Hermann, Inc.	(\$12,760.00)
JSP 25.004	Decorative Fence, 34" High-266 if @ \$8.00=\$2,128.00	Collins & Hermann, Inc.	(\$2,128.00)

25.004	High-266 If @ \$8.00=\$2,128.00	1	
	savings		

Total: (\$23,258.70)

Per the terms and conditions of our contract, we request an official Notice to Proceed to start this extra work without further delay to the construction schedule. We also require a Change Order for this extra work by {PotentialCO.RequiredDate}. If you have any questions, please contact the undersigned at 636.296.2012 as soon as possible.

Respectfully

Matt Gardner Vice President Accepted: \_\_\_\_\_

## VALUE ENGINEERING CHECK SHEET

## TYPE OF WORK

(Check one that applies)

- ✓ Bridge/Structure/Footings
- o Drainage Structures (RCP, RCB, CMP's, ect.)
- o TCP/MOT
- o Paving (PCCP, ect.)
- o Grading/MSE Walls
- o Signal/Lighting/ITS
- o Misc

SUMMARY OF PROPOSAL (If needed, condense summary to a couple of lines)	
The contractor will change the fencing on the structure from aluminum to galvanized steel.	

***************************************	SCANNING OF DOCUMENT
	ge, please mark or make note, which pages need to be scanned into the database. If ructions, make note of them here.